

WHAT IS CLAIMED IS:

1. An information recording/reproducing apparatus for recording information on a recording medium and for reproducing recorded information from the recording medium in accordance with a reproducing procedure designated by a user, comprising:

a detecting unit for detecting an unnecessary portion of the recorded information which is not to be reproduced according to any one the reproducing procedure; and

an erasing unit for erasing the recorded information corresponding to the unnecessary portion.

2. An apparatus according to claim 1, wherein the detecting unit comprises:

a first unit for detecting necessary portion of the recorded information which is to be reproduced by the reproducing procedure for all of the reproducing procedure; and

a second unit for determining the portion of the recorded information other than the necessary portion detected by the first unit as the unnecessary portion.

3. An apparatus according to claim 1, further comprising a control unit for controlling the detecting unit and the erasing unit to operate when the user finishes editing the reproducing procedure.

4. An apparatus according to claim 1, further comprising a control unit for controlling the detecting unit and the erasing unit to operate when an instruction to erase the unnecessary portion is inputted by the user.

5. An apparatus according to claim 1, further comprising a control unit for controlling the detecting unit and the erasing unit to operate when an instruction to eject the recording medium from the apparatus is inputted by the user.

6. A computer readable information recording medium storing a control program readable by a computer apparatus and making the computer apparatus to function as an information recording/reproducing apparatus for recording information on a recording medium and for reproducing recorded information from the recording medium in accordance with a reproducing procedure designated by a user, comprising:

a detecting unit for detecting an unnecessary portion of the recorded information which is not to be reproduced according to any one the reproducing procedure; and

an erasing unit for erasing the recorded information corresponding to the unnecessary portion.

7. A recording medium according to claim 6, wherein the detecting unit comprises:

a first unit for detecting necessary portion of the recorded information which is to be reproduced by the reproducing procedure for all of the reproducing procedure; and

a second unit for determining the portion of the recorded information other than the necessary portion detected by the first unit as the unnecessary portion.

8. A recording medium according to claim 6, wherein the information recording/reproducing apparatus further comprising a control unit for controlling the

detecting unit and the erasing unit to operate when the user finishes editing the reproducing procedure.

9. A recording medium according to claim 6, wherein the information
5 recording/reproducing apparatus further comprising a control unit for controlling the detecting unit and the erasing unit to operate when an instruction to erase the unnecessary portion is inputted by the user.

10. A recording medium according to claim 6, wherein the information
10 recording/reproducing apparatus further comprising a control unit for controlling the detecting unit and the erasing unit to operate when an instruction to eject the recording medium from the apparatus is inputted by the user.